

Replacement for the paragraph at page B11, line 15, to page B11, line 16:

<EMBED SRC- "cow.cod" type = "image/cis-cod" WIDTH- "257" poly= "44, 45, 103, 78, 103, 86, 54, 86, 54, 78", href = "[user assigned http link]" ></EMBED>

**Claims:**

505  
B5  
A7 22. (Amended) A method of compressing a data file having data elements each represented by a number of bits, comprising:

performing a wavelet transformation of the data file to provide a series of wavelet coefficients, each of said coefficients being represented by a number of bits having a maximum count no greater than a number of bits representing each of said data elements;

quantizing those wavelet coefficients which fall above a predetermined threshold value to provide a quantized series of wavelet coefficients; and

compressing the quantized series of wavelet coefficients to provide a compressed data file.

505  
B5 31. (Amended) A compressed data file comprising:

a wavelet transformation of a data file;

a series of compressed, quantized wavelet coefficients included in said wavelet transformation;

said quantized wavelet coefficients having a value above a predetermined threshold value to provide a quantized series of wavelet coefficients; and

said quantized wavelet coefficients each being represented by a number of bits not greater than a number of bits representing individual data elements of said data file.

SubC1 32. (Amended) A program for compressing a data file having data elements each represented by a number of bits, comprising:

a routine for performing a wavelet transformation of the data file to provide a series of wavelet coefficients, each of said coefficients being represented by a number of bits having a maximum count no greater than a number of bits representing each of said data elements;

Sub C2

a routine for quantizing those wavelet coefficients which fall above a predetermined threshold value to provide a quantized series of wavelet coefficients; and

a routine for compressing the quantized series of wavelet coefficients to provide a compressed data file.

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APPENDIX C  
complete set of "clean claims  
pursuant to 37 C.F.R. §1.121(c)(3)

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22. A method of compressing a data file having data elements each represented by a number of bits, comprising:

performing a wavelet transformation of the data file to provide a series of wavelet coefficients, each of said coefficients being represented by a number of bits having a maximum count no greater than a number of bits representing each of said data elements;

quantizing those wavelet coefficients which fall above a predetermined threshold value to provide a quantized series of wavelet coefficients; and

compressing the quantized series of wavelet coefficients to provide a compressed data file.

23. The method of claim 22 wherein the compressing step comprises the step of applying an entropy coding to the quantized series of wavelet coefficients.

24. The method of claim 23 wherein the entropy coding is selected from the group of arithmetic, Huffman, run length and Huffman run length combined.

25. The method of claim 23 further comprising the step of performing a color transformation of the data file to the wavelet transformation step.

26. The method of claim 25 wherein the quantizing step comprises sub-band orientation quantization.

27. The method of claim 26 wherein the wavelet transformation step comprises integer wavelet transformation.

28. The method of claim 22 further comprising the step of filtering the data file prior to the wavelet transformation step.

29. The method of claim 27 wherein the integer wavelet transformation comprises biorthogonal filter method.

30. The method of claim 27 wherein the integer wavelet transformation comprises the correction method.

31. A compressed data file comprising:  
a wavelet transformation of a data file;  
a series of compressed, quantized wavelet coefficients included in said wavelet transformation;  
said quantized wavelet coefficients having a value above a predetermined threshold value to provide a quantized series of wavelet coefficients; and  
said quantized wavelet coefficients each being represented by a number of bits not greater than a number of bits representing individual data elements of said data file.

32. A program for compressing a data file having data elements each represented by a number of bits, comprising:

a routine for performing a wavelet transformation of the data file to provide a series of wavelet coefficients, each of said coefficients being represented by a number of bits having a maximum count no greater than a number of bits representing each of said data elements;

a routine for quantizing those wavelet coefficients which fall above a predetermined threshold value to provide a quantized series of wavelet coefficients; and

a routine for compressing the quantized series of wavelet coefficients to provide a compressed data file.